

**NATURAL RESOURCES CONSERVATION SERVICE  
MISSOURI CONSTRUCTION SPECIFICATION**

**FOR**

**INCINERATOR**

(Each)  
**CODE 769**

**SCOPE**

This item shall consist of the clearing, excavation, backfill, concrete, reinforcing steel, and other appurtenances required for the installation of an incinerator and the disposal of all cleared and excavated materials. Construction shall be carried out in such a manner that erosion, water, air, and noise pollution will be minimized and held within legal limits as established by federal, state and local regulations.

**CLEARING AND GRUBBING**

All trees, brush, and stumps shall be removed from the site and spoil areas before excavation is performed. All material cleared from the area shall be disposed of by burning or burying on-site or hauling to an appropriate landfill. All burning shall conform to regulations and laws of Missouri.

**EXCAVATION**

Soils containing excessive organic material will be removed from the foundation area before excavation. The completed excavation and placement of spoil material shall conform as nearly to lines, dimensions, grades, and slopes shown on the plans or staked on the site as skillful operation of the excavating equipment will permit.

**BACKFILL**

Excavated area shall be filled with compacted earthfill as needed to provide an adequate foundation and good drainage away from the site.

**CONCRETE**

Concrete and reinforcing steel shall conform to construction specification *Reinforced Concrete Specification* (750).

**INSTALLATION OF INCINERATOR**

Incinerators will be installed according to all national, state, and local laws, regulations, and codes, and the manufacturer's instructions.

It shall be installed on a concrete pad.

It may be protected by a house structure or by a roof structure with metal purlins and roofing material.

Incinerator chimney will have at least a six-inch separation between the chimney wall and any combustible roof parts.

A qualified licensed electrician must certify installation. All electrical wiring shall be in conduit at the incinerator.

The area around the incinerator will exclude livestock by a fence or other appropriate means.

**VEGETATION**

Vegetation shall be established and maintained on all disturbed areas based on Critical Area Planting (342) standard and will include liming, fertilizing, seedbed preparation, seeding, and mulching.

**APPROVAL**

The NRCS representative will file a complete copy of the design in the owner/operator's case file.

**SUPPORTING DATA AND DOCUMENTATION**

The following is a list of the minimum data and documentation to be recorded in the case file:

**Design Data**

1. Computations establishing the design capacity of the incinerator. Provide manufacturer and model number of incinerator along with rated capacity.
  2. Location map with site identified.
  3. Soil map with site identified.
  4. Standard drawings of the concrete base.
  5. Details of incinerator attachment to the concrete base (provided by the manufacturer).
  6. Details of the roof attachment (if any) to the concrete base (provided by the manufacturer).
7. Operation and maintenance plans or completed copy of the appropriate job sheet(s) is used. The plan will consider as a minimum the following:
    - a. Burning of any material other than on farm dead animals will eliminate exempt status. MDNR requires a permit for operations incinerating other producers' animals and any other materials.
    - b. Incinerator door must remain locked during operation and until the unit has cooled.
    - c. If unit smokes after initial startup (15 minute), service the burner. Smoke is an indicator of an incomplete burn.
    - d. Do not load more than the rated capacity into the incinerator.
    - e. Do not store flammable materials near the unit that might ignite from the heat.
    - f. Follow manufacturer's directions.

**Additional Details:** \_\_\_\_\_

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